As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DUAL REFERENCED MICROSTRIP

the specification of which is attached hereto unless the following is entered:

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February 1, 2002	10/060,363	

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PRIOR FOREIGN APPLICATION(S)

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Application Number	Country	Filing Date (day/month/year)	Priority Not Claimed
	PROVISION	AL APPLICATION(S)	
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Application Number	JSC §119(e) of any United S	tates provisional application(s) listed below:	

PRIOR UNITED STATES APPLICATION(S)

Application Number	Filing Date	Status (patented, pending, abandoned)

Direct telephone calls to:	Send correspondence to:
Michael I. Angert	KENYON & KENYON 1500 K Street, N.W., Suite 700
(202) 220-4393	Washington, D.C. 20005-1257

POWER OF ATTORNEY

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John C. Altmiller (Reg. No. 25,951); Shawn W. O'Dowd (Reg. No. 34,687); Michael I. Angert (Reg. No. 46,522) of KENYON & KENYON with offices located at 1500 "K" Street NW, Suite 700, Washington, DC, 20005-1257, telephone (202) 220-4200, and at 333 W. San Carlos Street, Suite 600, San Jose, CA, 95110-2711, telephone (408) 975-7500;

Alan K. Aldous (Reg. No. 31,905); R. Edward Brake (Reg. No. 37,784); Ben Burge (Reg. No. 42,372); Robert A. Burtzlaff (Reg. No. 35,466); Richard C. Calderwood (Reg. No. 35,468); George Chen (Reg. No. 50,807); Jeffrey S. Draeger (Reg. No. 41,000); Cynthia Thomas Faatz (Reg. No. 39,973); Christopher Gagne (Reg. No. 36,142); Jeffrey B. Huter (Reg. No. 41,086); John Kacvinsky (Reg. No. 40,040); Seth Z. Kalson (Reg. No. 40,670); David J. Kaplan (Reg. No. 41,105); Peter Lam (Reg. No. 44,855); Issac Lin (Reg. No. 50,672); Anthony Martinez (Reg. No. 44,223); Larry Mennemeier (Reg. No. 51,003); Paul Nagy (Reg. No. 37,896); Dennis A. Nicholls (Reg. No. 42,036); Leo V. Novakoski (Reg. No. 37,198); Lanny Parker (Reg. No. 44,281); Thomas C. Reynolds (Reg. No. 32,488); Kenneth M. Seddon (Reg. No. 43,105); Mark Seeley (Reg. No. 32,299); Steven P. Skabrat (Reg. No. 36,79); Howard A. Skaist (Reg. No. 36,008); Robert G. Winkle (Reg. No. 37,474); Sharon Wong (Reg. No. 37,760); Steven D. Yates (Reg. No. 42,242); Calvin E. Wells (Reg. No. 43,256); Michael Willardson (Reg. No. 50,856); and Charles K. Young (Reg. No. 39,435) of INTEL CORPORATION with offices located at 2200 Mission College Blvd., Santa Clara, CA 95052, telephone (408) 765-8080; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

I hereby declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of first or sole inventor	Last Name BREISCH	First Name James	Middle Name
Residence	City Chandler	State or Country	Country of Citizenship
Post Office Address	Street 1715 W. Morelos Street	City Chandler	State or Country & Zip Code AZ 85224
signature David		Date 3/7/2001	
Full name of second inventor	Last Name CHUNG	First Name Chee-Yee	Middle Name
Residence	City Chandler	State or Country	Country of Citizenship Malaysia
Post Office Address	Street 5141 W. Shannon Street	City Chandler	State or Country & Zip Code AZ 85226
Signature		Date	

•			
Full name f third invent r	Last Name WAIZMAN	First Name Alex	Middle Name
Residence	City Zichr n Yaak y	State or Country Israel	Country of Citizenship Israel
Post Office Address	Street 2 Yair Str	City Zichr n Yaakov	State or Country & Zip Code Israel 3900
Signature		Date	
Full name of fourth inventor	Last Name YEW	First Name Teong	Middle Name Guan
Residence	City Perak	State or Country Malayasia	Country of Citizenship Malaysia
Post Office Address	Street 242-A Jalan Besar	City Bagan Serai 34300 Perak	State or Country & Zip Code Malaysia
Signature		Date	

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Post Office Address	Street 5141 W. Shannon Street	City Chandler	State or Country & Zip Code AZ 85226
Signature		Date Ith Morch, 2002	

Full name f third inventor	Last Name WAIZMAN	First Name Alex	Middle Name
Residence	City Zichron Yaakov	State or Country Israel	Country of Citizenship Israel
Post Office Address	Street 2 Yair Str	City Zichr n Yaak v	State or Country & Zip Code Israel 3900
Signature		Date	
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Signature		Date	•

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Post Office Addr ss	Street 2 Yair Str P.O.Box 5097	City Zichr n Yaak v	State or Country & Zip Code Israel 30950
Signature		Date 22/MAK	2002
Full name of fourth inventor	Last Name YEW.	First Name Teong	Middle Name Guan
Residence	City Perak	State or Country Malayasia	Country of Citizenship Malaysia
Post Office Address	Street 242-A Jalan Besar	City Bagan Serai 34300 Perak	State or Country & Zip Code Malaysia
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Post Office Address	Street 242-A Jalan Besar	City Bagan Serai 34300 Perak	State or Country & Zip Code Malaysia
Signature MM	~	Date 3/17/200	2



JUNE 07, 2002

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Chief Information Officer Washington, DC 20231 www.uspto.gov

KENYON & KENYON MICHAEL I. ANGERT 1500 K STREET, N.W. SUITE 700 WASHINGTON, DC 20005-1257



102054855A*

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/05/2002

REEL/FRAME: 012776/0940

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BREISCH, JAMES

DOC DATE: 03/07/2002

ASSIGNOR:

CHUNG, CHEE-YEE

DOC DATE: 03/07/2002

ASSIGNOR:

WAIZMAN, ALEX

DOC DATE: 03/22/2002

ASSIGNOR:

· YEW, TEONG GUAN

DOC DATE: 03/17/2002

ASSIGNEE:

INTEL CORPORATION 2200 MISSION COLLEGE BLVD. P.O. BOX 58119

A CORPORATION OF DELAWARE

SANTA CLARA, CALIFORNIA 95052-8119

SERIAL NUMBER: 10060363 PATENT NUMBER:

FILING DATE: 02/01/2002

ISSUE DATE:



012776/0940 PAGE 2

LAZENA MARTIN, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

Form PTO-1595 (Rev. 03/01) RF PR 04 - 15	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
OMB No. 0651-9027 (exp. 5/31/2002)	
Tab settings $\Rightarrow \Rightarrow \Rightarrow \qquad $	The Size (size and size size (sa)
To the Honorable Commissioner of Pate 10205	original documents or copy thereof.
1. Name of conveying party(ies): James BREISCH Chee-Yee CHUNG	Name and address of receiving party(ies)
Alex WAIZMAN	Name: Intel Corporation
Additional name of conveying party(ies) attached? Yes No	Internal Address: a corporation of Delaware
Nature of conveyance:	Street Address: 2200 Mission College Blvd.
│	
	P.O. Box 58119
Secuirty Agreement Change of Name	City: Santa Clara State: CA Zip: 95052-8119
Other	Additional Name(s) & address(es) attached? ☐ Yes ☒ No
Execution Date(s): 3/7/2002; 3/7/2002; 3/22/2002; 3/17/2002	
A. Patent Application No.(s) 10/060,363 Additional numbers att	B. Patent No.(s) ached? ☐ Yes ☑ No
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1
Name: Kenyon & Kenyon	7. Total fee (37 CFR 3.41) \$ 40.00
Internal Address: Suite 700	☐ Enclosed
	Authorized to be charged to deposit account
Street Address: 1500 K Street, N.W.	8. Deposit account number: 11-0600
City: Washington State: DC Zip: 20005-1257	(Attach duplicate copy of this page if paying by deposit account)
DO NOT USE	THIS SPACE
Statement and signature.	
To the best of my knowledge and belief, the foregoing information is a true copy of the original document. Michael I. Angert Michael I. Angert	April 5, 2002
· .	Signature Date
	cover sheet, attachments, and documents: 5 required cover sheet information to:

01 FC:581

40. CH

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

Attorney's Docket No. 2207/12119

}

PATENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I the undersigned, hereby sell, assign, and transfer to Intel Corporation, a corporation of Delaware, having a principal place of business at 2200 Mission College Blvd., P.O. Box 58119, Santa Clara, California 95052-8119, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent entitled **DUAL REFERENCED MICROSTRIP** filed on **FEBRUARY 1, 2002**, and having the application serial number 10/060,363 and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor:	Please Sign <u>and Date</u> Below:	
3/7/2001 Date	, 2002	Name: JAMES BREISCH
Date	, 2002	Name: CHEE-YEE CHUNG
Date	, 2002	Name: ALEX WAIZMAN
Date	, 2002	Name: TEONG GUAN YEW

Attorney's Docket No. 2207/12119

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PATENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I the undersigned, hereby sell, assign, and transfer to Intel Corporation, a corporation of Delaware, having a principal place of business at 2200 Mission College Blvd., P.O. Box 58119, Santa Clara, California 95052-8119, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent entitled **DUAL REFERENCED MICROSTRIP** filed on **FEBRUARY 1**, 2002, and having the application serial number 10/060,363 and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Pleas	e Sign <u>and Date</u> Below:	
Date	, 2002	Name: JAMES BREISCH
Date	, 2002	Name: CHEE-YEE CHUNG
24/MAK/2002 Date	, 2002	Name: ALEX WAIZMAN
Date	, 2002	Name: TEONG GUAN YEW

Attorney's Docket No. 2207/12119

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agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

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Each Inventor: Please Sig	n <u>and Date</u> Below:	
Date	, 2002	Name: JAMES BREISCH
Date	, 2002	Name: CHEE-YEE CHUNG
Date	, 2002	Name: ALEX WAIZMAN
3/17/ Date	, 2002	Name: TEONG GUAN YEW